

WHAT IS CLAIMED IS:

1. A device for dispensing medicine, comprising:

a dispensing device body, a cassette fixed removably
5 to the dispensing device body in order to contain medicines
while arranging, and pushing means for pushing out the
medicines in the cassette toward one end side,

the cassette including a cover and a
stopping/receiving part disposed internally in a
10 longitudinal direction, and

the pushing means including an abutting part contained
in the cassette and abutting against the medicines, an
biasing part for biasing the abutting part against the
medicine, and a stopping part stopping at the
15 stopping/receiving part of the cassette only when the cover
is opened.

2. The device for dispensing medicine as defined in Claim
1, wherein the pushing means is constituted such that the
20 biasing part and the stopping part are housed in a casing
and one end face of the casing functions as the abutting
part.

3. The device for dispensing medicine as defined in Claim
25 1, wherein the cassette includes fallout preventing means

for preventing contained medicines from falling out in a state that the cassette is dismounted from the dispensing device body, and

the dispensing device body includes a canceling part
5 for canceling fallout prevention by the fallout preventing means when the cassette is mounted and a dispensing part for allowing the medicines in the cassette to be dispensed one by one.

10 4. The device for dispensing medicine as defined in Claim 1, wherein the stopping/receiving part is constituted of a stopping rack composed of a plurality of recess parts juxtaposed along a longitudinal direction of the cassette, and the stopping part has a gear which rotates in response
15 to opening and closing operation of the cover to engage with the stopping rack.

5. The device for dispensing medicine as defined in Claim 4, wherein the pushing means includes a gear engaged with
20 the stopping rack and an oil dumper integrated with the gear, and the biasing part is constituted of a constant-load spring.

6. The device for dispensing medicine as defined in Claim
25 3 or Claim 4, wherein the dispensing part is constituted of

a rotor having a circular plane allowing medicines to be held one by one, the rotor being rotated by power transmitted through a gear provided on a rotating shaft, the gear being engaged with a rack formed on a rod, the rod
5 being able to reciprocate.

7. The device for dispensing medicine as defined in Claim 3 or Claim 4, wherein the dispensing part is constituted of a rotor having a circular plane allowing medicines to be
10 held one by one, the rotor being rotated by power transmitted through a gear provided on a rotating shaft, the gear being engaged with a drive gear which drives rotationally, the drive gear being able to come into contact with or break away from the gear of each rotor in a
15 plurality of cassettes.

8. The device for dispensing medicine as defined in Claim 3 or Claim 4, wherein the fallout prevention means is constituted of a plate spring provided on one end aperture
20 of the cassette, the plate spring being elastically deformable from being at a fallout prevention position for preventing medicines from falling out from the cassettes to being at a medicine dispensing position for permitting the dispensing part to dispense medicines.

9. The device for dispensing medicine as defined in Claim 8, wherein the plate spring elastically supports a head medicine so as not to move a position of a next medicine when the head medicine received on the circular plane of the rotor is dispensed from the cassette by rotation of rotor.

10. The device for dispensing medicine as defined in Claim 1, wherein the dispensing device body includes a pusher for driving the dispensing part of the cassette to dispense medicines and a stopping/retaining member geared to the pusher to engage with or disengage from the cassette.